

Power Cost Memorandum Fuel Cost Update

Date: May 19, 2022

Utility Name (Cert. No.) Tanalian Electric Cooperative (447)	Utility File No. PC90-1118U	Date Filed: May 2, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC90-1118T	Staff Recommended Amount(s) and Effective Date PC90-1118U
Class Rate	<u>Date Approved:</u> March 18, 2022	May 20, 2022
Residential	\$0.4313	\$0.4664
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 3.9730	New Fuel Purchase Price: \$ 4.6326
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: <u>\$189/\$431</u>	Surcharge Change: Previous <u>0.1767</u> Updated <u>0.1767</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	6,959	X	3.9730	=	27,648.41
Delivered	15,290	X	4.9327	=	75,421.30
	<u>22,249</u>				<u>\$ 103,069.71</u>
					Weighted Average
					<u>\$ 4.6326</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 5/19/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKT</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JWW</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Fuel Cost Update

	PC90-1118T	PC90-1118U	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	866,025	866,025	866,025
B. Total kWh Sold (Appendix 2)	793,477	793,477	793,477
C. Total Non-Fuel Costs (Appendix 2)	213,882	213,882	213,882
D. Non-Fuel Cost/kWh (C / B)	\$0.2696	\$0.2696	\$0.2696
E. Total Fuel Costs (Appendix 2)	305,316	355,998	355,998
F. Fuel Costs/kWh (E / B)	\$0.3848	\$0.4487	\$0.4487
G. Eligible Costs/kWh (D + F)	\$0.6543	\$0.7182	\$0.7182
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.4540	\$0.5179	\$0.5179
I. Lesser of (H) or 79.97 cents/kWh	\$0.4540	\$0.5179	\$0.5179
J. Average Class Rates (Appendix 3) Residential	\$0.4664	\$0.4664	\$0.4664
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential	\$0.4313	\$0.4664	\$0.4664
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.4313	\$0.4664	\$0.4664

PC90-1118U
Appendix 1

Tanalian Electric Cooperative

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018

Fuel Cost Update

			PC90-1118T	PC90-1118U	
			Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:					
A.	Personnel Costs		80,508	80,508	80,508
B.	Operating Expense		6,275	6,275	6,275
C.	General & Administrative		58,967	58,967	58,967
D.	Depreciation		68,132	68,132	68,132
E.	Interest Expense		-	-	-
F.	Other (Interest Income)		-	-	-
G.	Total Non-Fuel Costs		213,882	213,882	213,882
Fuel Costs:					
H.	Gallons Consumed for Electric Generation		76,847	76,847	76,847
I.	Wtd. Avg. Price of Fuel		\$3.9730	\$4.6326	\$4.6326
J.	Total Cost of Fuel		\$305,316	\$355,998	\$355,998
K.	KWh Generated		936,760	936,760	936,760
L.	kWh Sales		850,107	850,107	850,107
M.	Station Service		22,670	22,670	22,670
N.	Efficiency (K/H)	≥	<u>Standard</u> 11.5	12.19	12.19
O.	Line Loss	≤	12%	6.83%	6.83%
(kWh generated-(kWh sold + Station Service)/kWh generated					

Weighted Average Fuel Price/Gal. Calculation

	Gallons		Price			
On-hand	6,959	X	3.9730	=	27,648.41	
Delivered	15,290	X	4.9327	=	75,421.30	
	<u>22,249</u>				<u>\$ 103,069.71</u>	Weighted Average
						\$ 4.6326

PC90-1118U
Appendix 2

Tanalian Electric Cooperative

APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
500	0.4400	0.1767	0.6167	333.35	0.6667	0.4664

500 333.35 0.6667 0.4664
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
0 to ∞				
Next to				
Next to				
Next to				
Next to				

Tanalian Electric Coop., Inc.

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up	Total Cost
Beginning Fuel Inventory			6,959			
Last Approved Fuel Cost/Gal.				\$ 3.9730		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$ 27,648
Reporting Period Purchases	115095	01/08/22	4,440.0	4.6321	431.00	20,998
	116073	02/09/22	2,000.0	4.6611	189.00	9,511
	116384	02/28/22	4,410.0	4.7211	431.00	21,251
	116727	03/04/22	4,440.0	5.2321	431.00	23,662
						-
						-
						-
						-
						-
						-
						-
						-
Totals for Reporting Period Purchases on this sheet:			15,290			75,421
Grand Totals (beginning inventory plus purchases)	A	22,249			B \$	103,070

Grand Total Cost divided by Grand Total Gallons = 4.6326 Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = 4.9327 Avg. Cost per gallon

Signature: 

Email: bob.pickett@alaska.gov

Signature: 
Keith Kurber II (May 19, 2022 08:03 AKDT)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: 
Daniel Sullivan (May 19, 2022 10:54 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: 
Janis W. Wilson (May 19, 2022 11:51 AKDT)

Email: janis.wilson@alaska.gov